

FIG. 1

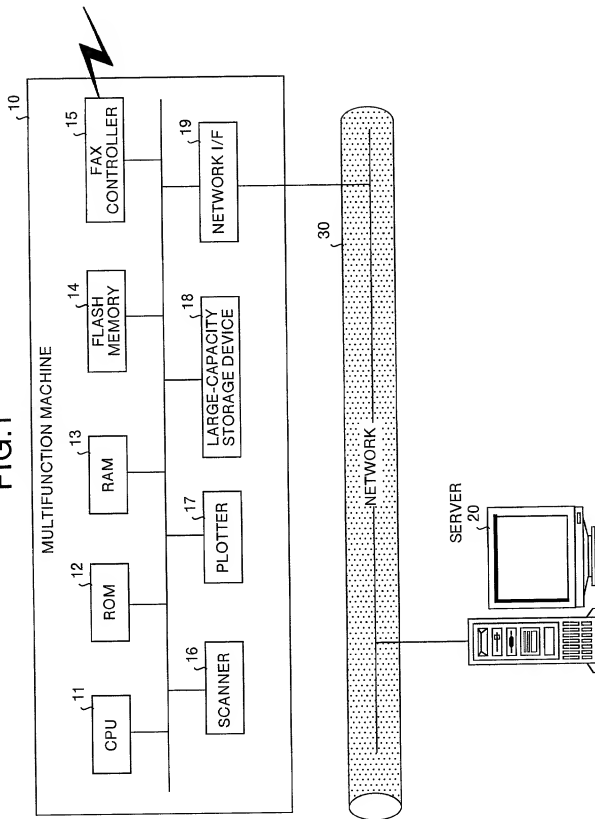
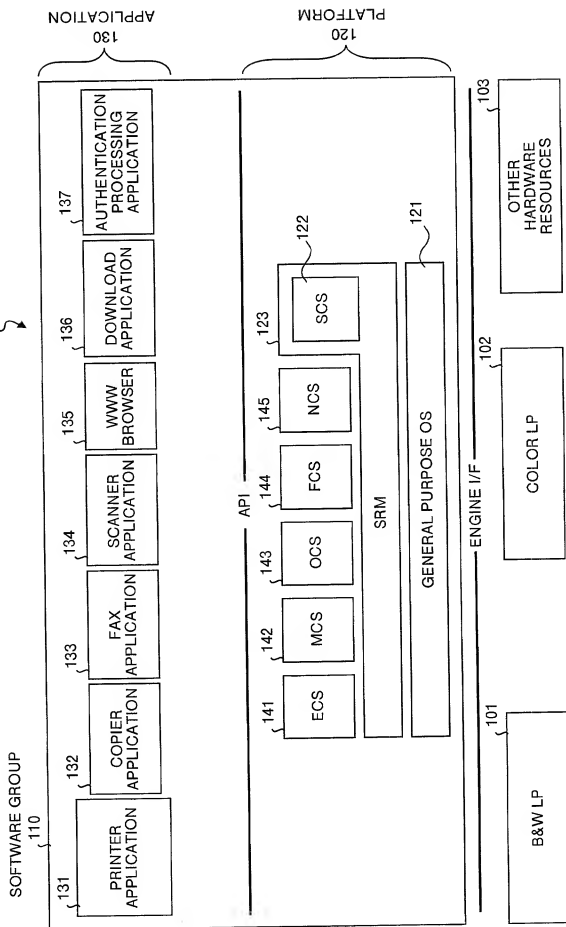
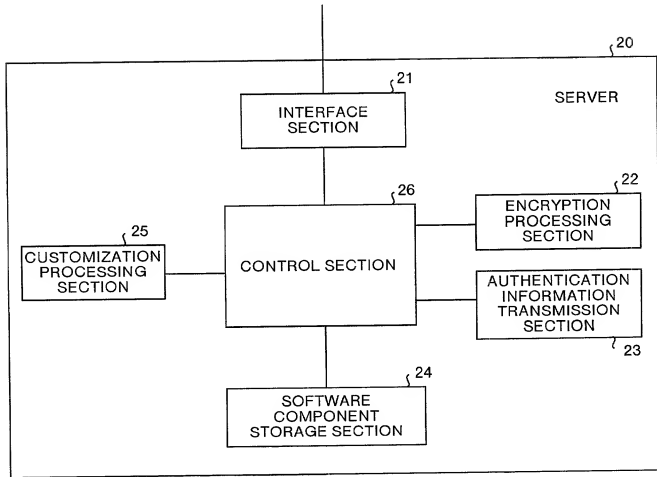


FIG. 2 MULTIFUNCTION MACHINE



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FIG.3

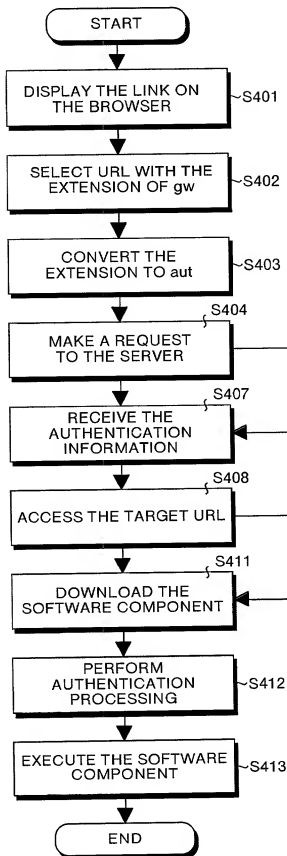


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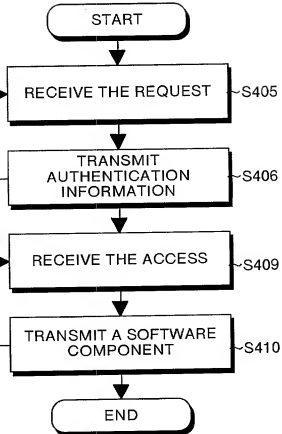
FIG.4

MULTIFUNCTION MACHINE

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SERVER  
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## FIG.5A

http://www.ricoh.co.jp/component/comp\_list.html  
HTML FILE INCLUDING THE LINK TO THE LIST OF COMPONENTS  
http://www.ricoh.co.jp/component/comp\_1.gw  
SOFTWARE COMPONENT 1  
http://www.ricoh.co.jp/component/comp\_1.aut  
AUTHENTICATION INFORMATION FOR THE SOFTWARE COMPONENT 1  
http://www.ricoh.co.jp/component/comp2.gw  
SOFTWARE COMPONENT 2  
http://www.ricoh.co.jp/component/comp2.aut  
AUTHENTICATION INFORMATION FOR THE SOFTWARE COMPONENT 2  
:  
:

## FIG.5B

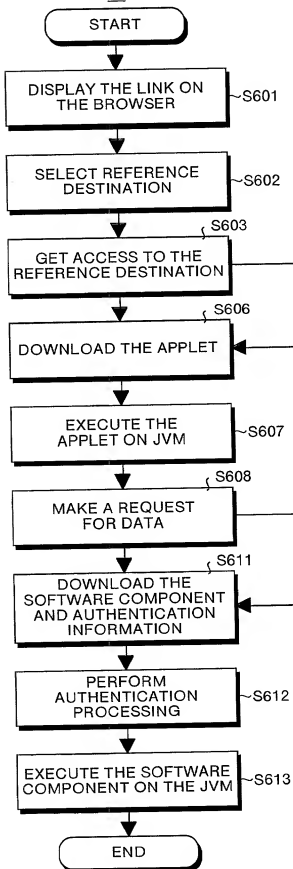
```
<html>
<head>
  <title>Software Component List</title>
</head>
<body>
  <h1>Component List</h1>
  <ul>
    <li><a href="comp1.gw">COMPONENT1</a>
    <li><a href="comp2.gw">COMPONENT2</a>
  </ul>
</body>
</html>
```

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FIG.6

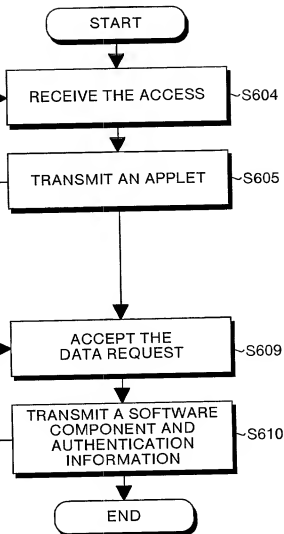
MULTIFUNCTION MACHINE

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FIG.7A

```
<html>
<head>
<title> Component 1</title>
</head>
<body>
<applet code="SoftwareComponentLoader.class"width="640"height="400">
  <param name="software"value="comp1.class">
  <param name="authentication"value="comp1.aut">
</applet>
</body>
</html>
```

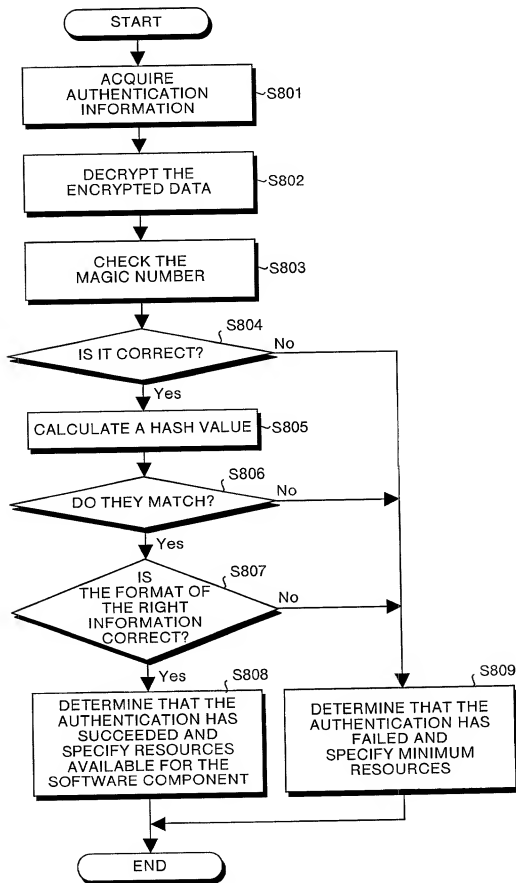
FIG.7B

APPLICATION (SOFTWARE COMPONENT)						
CONTROL CLASS				STANDARD CLASS		
JVM						
API						
ECS	MCS	FCS	SCS	OCS	NCS	
OS						

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FIG.8

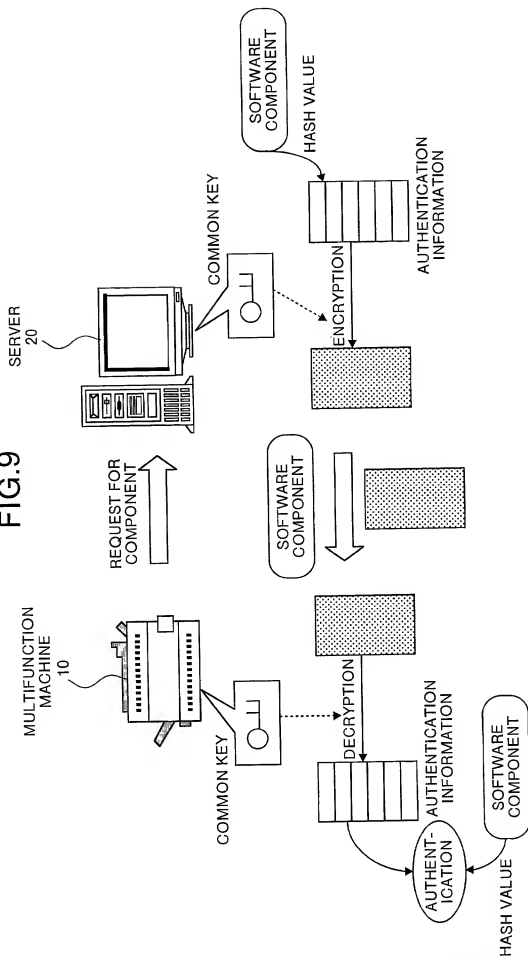


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FIG. 9



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FIG.10A

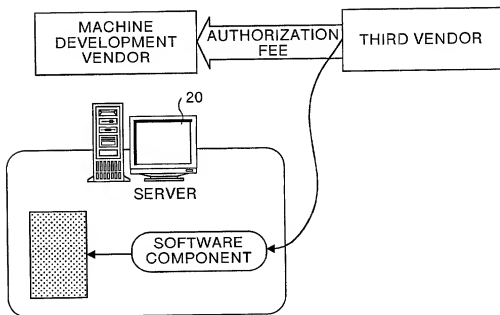
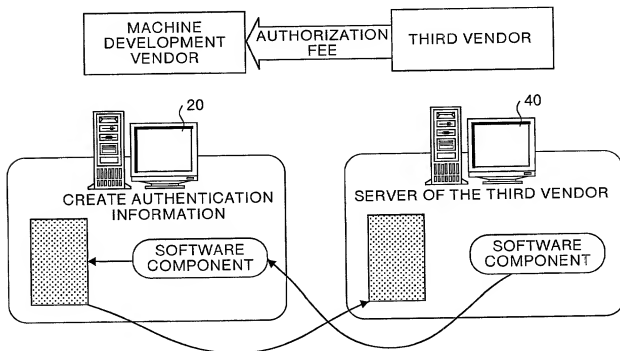


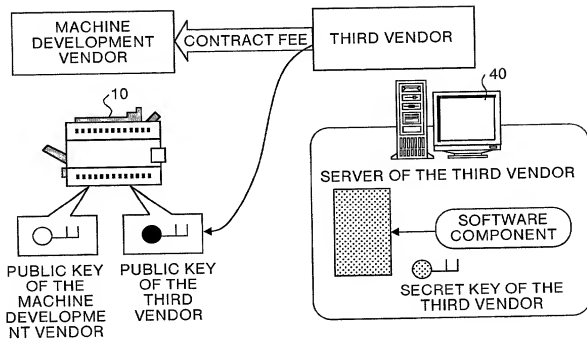
FIG.10B



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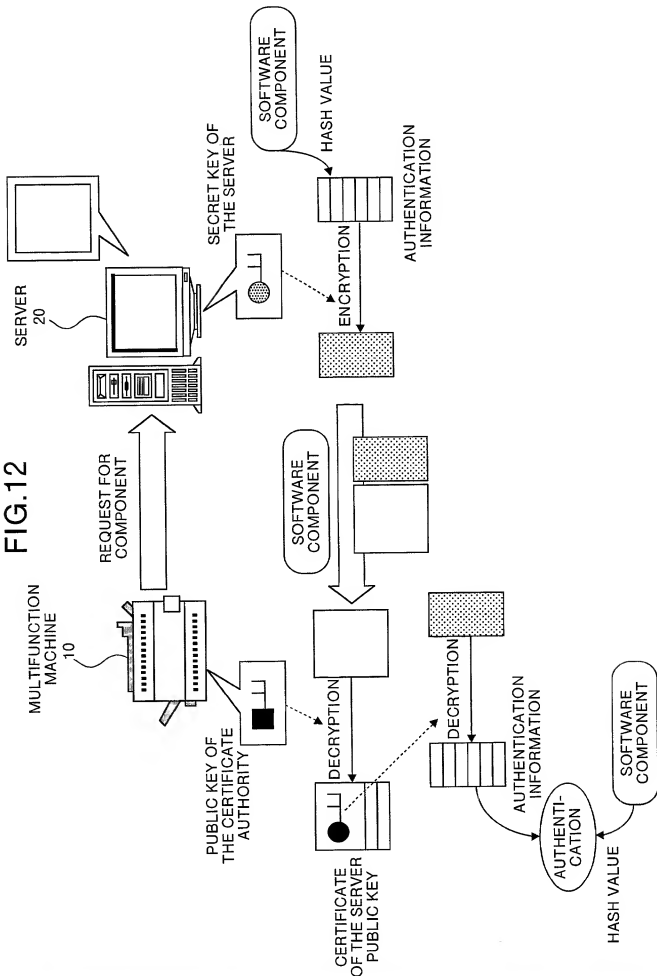
FIG.11

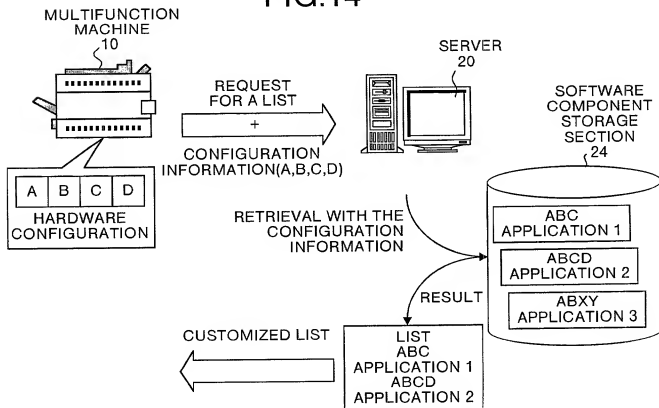


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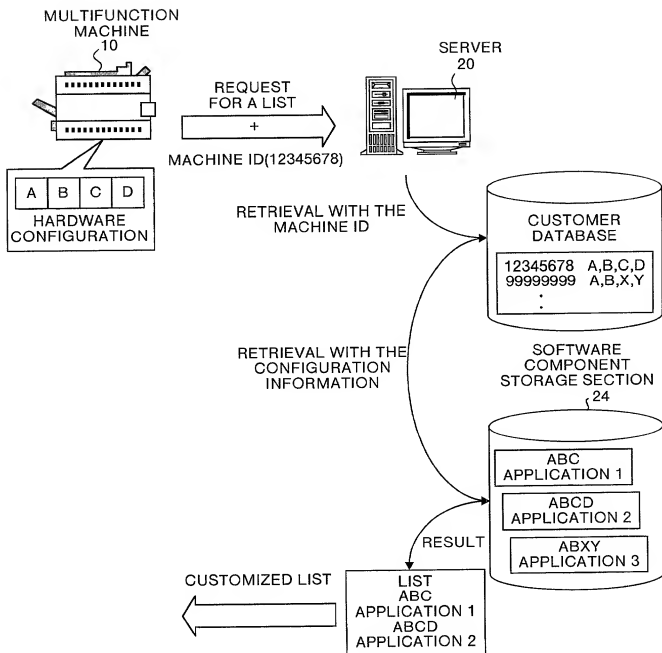
FIG. 12





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FIG.15



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